

DERWENT-ACC-
NO: 1983-718574

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TITLE: Anti:agglomeration agent for flours - comprising a mineral powder and a fatty acid, ester, or salt

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PATENT-ASSIGNEE: GEREK GRP ETUD CHAR[GEREN]

PRIORITY-DATA: 1981FR-0023661 (December 18, 1981)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
FR 2518426 A	June 24, 1983	N/A	007	N/A

INT-CL (IPC): A23K001/00, B01J002/30

ABSTRACTED-PUB-NO: FR 2518426A

BASIC-ABSTRACT:

Fine powders, such as flours for animal feeds, are treated with a mixt. comprising a mineral selected from silica, a silicate or carbonate and a surface treatment agent that is selected from fatty acids, mineral salts of these acids, and esters of fatty acids and polyols.

The pref. minerals are lamellar silicates of the kaolin type, 0-20 micron kaolinic clays, 0-60 micron talc, having a specific surface of 3-35 sq.m/g, carbonates of the chalk, dolomite, magnesite or calcite type, having a particle size of 0-50 microns and a specific surface of 1-10 sq.m/g, and natural or synthetic silicas having a specific surface of 1-200 sq.m/g. The fatty acid component is pref. stearic acid, Ca, Mg or Al stearates, or the like, and glycerol monostearates. The treating agent pref. comprises 0.2-20%, esp. 0.5-5%, of the weight of material treated.

Used for prevention of agglomerate formation.

DERWENT-CLASS: C03 D11

CPI-CODES: C05-A01B; C05-B02C; C10-C04E; C10-E04C; C12-L09; C12-M11; D03-G01;